

## SEQUENCE LISTING

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<120> SECRETED POLYPEPTIDE SPECIES ASSOCIATED WITH CARDIOVASCULAR DISORDERS

<130> 4 -33643A/GEP (5052-W001)

<150> US 60/493,985  
<151> 2003-08-03

<150> US 60/493,599  
<151> 2003-08-03

<150> US 60/493,867  
<151> 2003-08-03

<150> US 60/493,836  
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<170> PatentIn version 3.1

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Thr Ile Lys

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Val Val Leu Val Ala Val Asp Lys  
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Asp Thr Ala Leu Tyr Ala Ala Gly Ser Lys  
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Val Gly Val Gln Leu Gln Asp Val Pro Arg  
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Asn Val Asn Phe Gln Lys  
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<400> 119

Asn Val Asn Phe Gln Lys Ala Ile Asn Glu Lys  
1 5 10

<210> 120  
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<400> 120

Val Gln Gln Pro Asp Cys Arg Glu Pro Phe Leu Ser Cys Cys Gln Phe  
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Ala Glu Ser Leu Arg  
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<400> 121

Glu Ser Thr Leu His Leu Val Leu Arg  
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<400> 122

Ile Gln Asp Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg  
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<400> 123

Leu Ile Phe Ala Gly Lys  
1 5

<210> 124  
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<400> 124

Met Gln Ile Phe Val Lys  
1 5

<210> 125  
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<400> 125

Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys  
1 5 10 15

<210> 126  
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<400> 126

Thr Ile Thr Leu Glu Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys

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10

15

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<400> 127

Thr Leu Ser Asp Tyr Asn Ile Gln Lys  
1 5

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<400> 128

Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu Ser Thr Leu His Leu Val  
1 5 10 15

Leu Arg

<210> 129  
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<400> 129

Ala His Tyr Asp Leu Arg  
1 5

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<212> PRT  
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<400> 130

Ala His Tyr Asp Leu Arg His Thr Phe Met Gly Val Val Ser Leu Gly  
1 5 10 15

Ser Pro Ser Gly Glu Val Ser His Pro Arg  
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<210> 131  
<211> 20  
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<400> 131

His Thr Phe Met Gly Val Val Ser Leu Gly Ser Pro Ser Gly Glu Val  
1 5 10 15

Ser His Pro Arg  
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<400> 132

Glu Glu Ser Leu Asp Ser Asp Leu Tyr Ala Glu Leu Arg  
1 5 10

<210> 133  
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<212> PRT  
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<400> 133

Gly Lys Glu Glu Ser Leu Asp Ser Asp Leu Tyr Ala Glu Leu Arg  
1 5 10 15

<210> 134  
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<400> 134

Gly Thr His Cys Asn Gln Val Glu Val Ile Ala Thr Leu Lys  
1 5 10

<210> 135  
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<212> PRT  
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<400> 135

Ile Cys Leu Asp Pro Asp Ala Pro Arg  
1 5

<210> 136  
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<400> 136

Lys Ile Cys Leu Asp Pro Asp Ala Pro Arg  
1 5 10

<210> 137  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 137

Asn Ile Gln Ser Leu Glu Val Ile Gly Lys  
1 5 10

&lt;210&gt; 138

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 138

Asn Ile Gln Ser Leu Glu Val Ile Gly Lys Gly Thr His Cys Asn Gln  
1 5 10 15

Val Glu Val Ile Ala Thr Leu Lys  
20

&lt;210&gt; 139

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 139

Glu Glu Ser Leu Asp Ser Asp Leu Tyr Ala Glu Leu Arg  
1 5 10

&lt;210&gt; 140

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 140

Gly Lys Glu Glu Ser Leu Asp Ser Asp Leu Tyr Ala Glu Leu Arg  
1 5 10 15

&lt;210&gt; 141

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 141

Gly Thr His Cys Asn Gln Val Glu Val Ile Ala Thr Leu Lys  
1 5 10

&lt;210&gt; 142

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 142

Ile Cys Leu Asp Pro Asp Ala Pro Arg  
1 5

&lt;210&gt; 143

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 143

Lys Ile Cys Leu Asp Pro Asp Ala Pro Arg  
1 5 10

<210> 144  
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<400> 144

Asn Ile Gln Ser Leu Glu Val Ile Gly Lys  
1 5 10

<210> 145  
<211> 24  
<212> PRT  
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<400> 145

Asn Ile Gln Ser Leu Glu Val Ile Gly Lys Gly Thr His Cys Asn Gln  
1 5 10 15

Val Glu Val Ile Ala Thr Leu Lys  
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<210> 146  
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<400> 146

Cys Thr Glu Gly Phe Asn Val Asp Lys  
1 5

<210> 147  
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<212> PRT  
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<400> 147

Cys Thr Glu Gly Phe Asn Val Asp Lys Lys  
1 5 10

<210> 148  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 148

Phe Gln Pro Thr Leu Leu Thr Leu Pro Arg  
1 5 10

<210> 149  
<211> 17  
<212> PRT  
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<400> 149

Gly Val Thr Ser Val Ser Gln Ile Phe His Ser Pro Asp Leu Ala Ile  
1 5 10 15

Arg

<210> 150  
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<213> Homo sapiens  
<400> 150

Leu Glu Asp Met Glu Gln Ala Leu Ser Pro Ser Val Phe Lys  
1 5 10

<210> 151  
<211> 12  
<212> PRT  
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<400> 151

Leu Val Leu Leu Asn Ala Ile Tyr Leu Ser Ala Lys  
1 5 10

<210> 152  
<211> 11  
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<400> 152

Thr Asn Leu Glu Ser Ile Leu Ser Tyr Pro Lys  
1 5 10

<210> 153  
<211> 13  
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<400> 153

Val Thr Thr Ser Gln Asp Met Leu Ser Ile Met Glu Lys  
1 5 10

<210> 154  
<211> 11  
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<400> 154

Ala Gln Trp Ala Asn Pro Phe Asp Pro Ser Lys  
1 5 10

<210> 155  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 155

Gly Trp Val Asp Leu Phe Val Pro Lys  
1 5

<210> 156

<211> 23

<212> PRT

<213> Homo sapiens

<400> 156

Met Gly Ile Gln His Ala Tyr Ser Glu Asn Ala Asp Phe Ser Gly Leu  
1 5 10 15

Thr Glu Asp Asn Gly Leu Lys  
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<210> 157

<211> 10

<212> PRT

<213> Homo sapiens

<400> 157

Asn Ala Leu Ala Leu Phe Val Leu Pro Lys  
1 5 10

<210> 158

<211> 28

<212> PRT

<213> Homo sapiens

<400> 158

Asp Gln Val Asn Thr Phe Asp Asn Ile Phe Ile Ala Pro Val Gly Ile  
1 5 10 15

Ser Thr Ala Met Gly Met Ile Ser Leu Gly Leu Lys  
20 25

<210> 159

<211> 20

<212> PRT

<213> Homo sapiens

<400> 159

Glu Tyr Tyr Phe Ala Glu Ala Gln Ile Ala Asp Phe Ser Asp Pro Ala  
1 5 10 15

Phe Ile Ser Lys  
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<210> 160

<211> 15

<212> PRT

<213> Homo sapiens

<400> 160

Phe Thr Val Asp Arg Pro Phe Leu Phe Leu Ile Tyr Glu His Arg  
1 5 10 15

<210> 161  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 161

Gly Pro Leu Asp Gln Leu Glu Lys  
1 5

<210> 162  
<211> 9  
<212> PRT  
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<400> 162

Asn Tyr Asn Leu Val Glu Ser Leu Lys  
1 5

<210> 163  
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<212> PRT  
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<400> 163

Gln Phe Pro Ile Leu Leu Asp Phe Lys  
1 5

<210> 164  
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<212> PRT  
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<400> 164

Thr Leu Glu Ala Gln Leu Thr Pro Arg  
1 5

<210> 165  
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<212> PRT  
<213> Homo sapiens

<400> 165

Thr Ser Cys Leu Leu Phe Met Gly Arg  
1 5

<210> 166  
<211> 11  
<212> PRT  
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<400> 166

Tyr Glu Ile Thr Thr Ile His Asn Leu Phe Arg

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<210> 167  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 167

Ala Val Cys Lys Pro Val Arg Cys Pro Ala Pro Val Ser Phe Glu Asn  
1 5 10 15

Gly Ile Tyr Thr Pro Arg  
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<210> 168  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 168

Cys Pro Ala Pro Val Ser Phe Glu Asn Gly Ile Tyr Thr Pro Arg  
1 5 10 15

<210> 169  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 169

Cys Ser Ser Asn Leu Val Leu Thr Gly Ser Ser Glu Arg  
1 5 10

<210> 170  
<211> 29  
<212> PRT  
<213> Homo sapiens

<400> 170

Cys Ser Ser Asn Leu Val Leu Thr Gly Ser Ser Glu Arg Glu Cys Gln  
1 5 10 15

Gly Asn Gly Val Trp Ser Gly Thr Glu Pro Ile Cys Arg  
20 25

<210> 171  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 171

Glu Cys Gln Gly Asn Gly Val Trp Ser Gly Thr Glu Pro Ile Cys Arg  
1 5 10 15

<210> 172  
<211> 31

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 172

Gln Pro Tyr Ser Tyr Asp Phe Pro Glu Asp Val Ala Pro Ala Leu Gly  
 1 5 10 15

Thr Ser Phe Ser His Met Leu Gly Ala Thr Asn Pro Thr Gln Lys  
 20 25 30

&lt;210&gt; 173

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 173

Ser Ser Gly Gln Trp Gln Thr Pro Gly Ala Thr Arg  
 1 5 10

&lt;210&gt; 174

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 174

Asp Gln Gly Ser Cys Gly Ser Cys Trp Ala Phe Gly Ala Val Glu Ala  
 1 5 10 15

Ile Ser Asp Arg  
 20

&lt;210&gt; 175

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 175

Glu Gln Trp Pro Gln Cys Pro Thr Ile Lys  
 1 5 10

&lt;210&gt; 176

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 176

Asn Asp Phe Gln Leu Ile Gly Ile Gln Asp Gly Tyr Leu Ser Leu Leu  
 1 5 10 15

Gln Asp Ser Gly Glu Val Arg  
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&lt;210&gt; 177

&lt;211&gt; 12

&lt;212&gt; PRT

<213> Homo sapiens

<400> 177

Val His Leu Val Gly Ile Asp Ile Phe Thr Gly Lys  
1 5 10

<210> 178

<211> 12

<212> PRT

<213> Homo sapiens

<400> 178

Ala Ser Ser Ile Ile Asp Glu Leu Phe Gln Asp Arg  
1 5 10

<210> 179

<211> 16

<212> PRT

<213> Homo sapiens

<400> 179

Ala Ser Ser Ile Ile Asp Glu Leu Phe Gln Asp Arg Phe Phe Thr Arg  
1 5 10 15

<210> 180

<211> 18

<212> PRT

<213> Homo sapiens

<400> 180

Asp Gln Thr Val Ser Asp Asn Glu Leu Gln Glu Met Ser Asn Gln Gly  
1 5 10 15

Ser Lys

<210> 181

<211> 10

<212> PRT

<213> Homo sapiens

<400> 181

Glu Ile Gln Asn Ala Val Asn Gly Val Lys  
1 5 10

<210> 182

<211> 9

<212> PRT

<213> Homo sapiens

<400> 182

Ile Asp Ser Leu Leu Glu Asn Asp Arg  
1 5

<210> 183

<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 183

Lys Thr Leu Leu Ser Asn Leu Glu Glu Ala Lys  
1 5 10

<210> 184  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 184

Gln Gln Thr His Met Leu Asp Val Met Gln Asp His Phe Ser Arg  
1 5 10 15

<210> 185  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 185

Arg Pro His Phe Phe Phe Pro Lys  
1 5

<210> 186  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 186

Thr Leu Leu Ser Asn Leu Glu Glu Ala Lys  
1 5 10

<210> 187  
<211> 37  
<212> PRT  
<213> Homo sapiens

<400> 187

Cys Pro Gly Cys Gly Gln Gly Val Gln Ala Gly Cys Pro Gly Gly Cys  
1 5 10 15

Val Glu Glu Glu Asp Gly Gly Ser Pro Ala Glu Gly Cys Ala Glu Ala  
20 25 30

Glu Gly Cys Leu Arg  
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<210> 188  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 188

Glu Gly Gln Glu Cys Gly Val Tyr Thr Pro Asn Cys Ala Pro Gly Leu  
1 5 10 15

Gln Cys His Pro Pro Lys  
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<210> 189  
<211> 29  
<212> PRT  
<213> Homo sapiens

<400> 189

Glu Gly Gln Glu Cys Gly Val Tyr Thr Pro Asn Cys Ala Pro Gly Leu  
1 5 10 15

Gln Cys His Pro Pro Lys Asp Asp Glu Ala Pro Leu Arg  
20 25

<210> 190  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 190

Gly Ala Gln Thr Leu Tyr Val Pro Asn Cys Asp His Arg  
1 5 10

<210> 191  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 191

His Leu Asp Ser Val Leu Gln Gln Leu Gln Thr Glu Val Tyr Arg  
1 5 10 15

<210> 192  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 192

Asn Pro Gly Thr Ser Thr Thr Pro Ser Gln Pro Asn Ser Ala Gly Val  
1 5 10 15

Gln Asp Thr Glu Met Gly Pro Cys Arg  
20 25

<210> 193  
<211> 26  
<212> PRT  
<213> Homo sapiens

<400> 193

Asn Pro Gly Thr Ser Thr Thr Pro Ser Gln Pro Asn Ser Ala Gly Val  
1 5 10 15

Gln Asp Thr Glu Met Gly Pro Cys Arg Arg  
20 25

<210> 194  
<211> 9  
<212> PRT  
<213> Homo sapiens  
  
<400> 194

Arg Gly Pro Cys Trp Cys Val Asp Arg  
1 5

<210> 195  
<211> 16  
<212> PRT  
<213> Homo sapiens  
  
<400> 195

Arg His Leu Asp Ser Val Leu Gln Gln Leu Gln Thr Glu Val Tyr Arg  
1 5 10 15

<210> 196  
<211> 20  
<212> PRT  
<213> Homo sapiens  
  
<400> 196

Ser Leu Pro Gly Ser Pro Asp Gly Asn Gly Ser Ser Ser Cys Pro Thr  
1 5 10 15

Gly Ser Ser Gly  
20

<210> 197  
<211> 13  
<212> PRT  
<213> Homo sapiens  
  
<400> 197

Glu Ser Leu Leu Asn His Phe Leu Tyr Glu Val Ala Arg  
1 5 10

<210> 198  
<211> 11  
<212> PRT  
<213> Homo sapiens  
  
<400> 198

Phe Thr Asp Ser Glu Asn Val Cys Gln Glu Arg  
1 5 10

<210> 199

<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 199

Phe Thr Phe Glu Tyr Ser Arg  
1 5

<210> 200  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 200

His Glu Leu Thr Asp Glu Glu Leu Gln Ser Leu Phe Thr Asn Phe Ala  
1 5 10 15

Asn Val Val Asp Lys  
20

<210> 201  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 201

Ile Ala Pro Gln Leu Ser Thr Glu Glu Leu Val Ser Leu Gly Glu Lys  
1 5 10 15

<210> 202  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 202

Leu Lys His Glu Leu Thr Asp Glu Glu Leu Gln Ser Leu Phe Thr Asn  
1 5 10 15

Phe Ala Asn Val Val Asp Lys  
20

<210> 203  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 203

Leu Pro Asn Asn Val Leu Gln Glu Lys  
1 5

<210> 204  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 204

Asn Pro Phe Val Phe Ala Pro Thr Leu Leu Thr Val Ala Val His Phe  
1 5 10 15

Glu Glu Val Ala Lys  
20

<210> 205  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 205

Arg His Pro Asp Leu Ser Ile Pro Glu Leu Leu Arg  
1 5 10

<210> 206  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 206

Arg Asn Pro Phe Val Phe Ala Pro Thr Leu Leu Thr Val Ala Val His  
1 5 10 15

Phe Glu Glu Val Ala Lys  
20

<210> 207  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 207

Ala Pro Tyr Tyr Asn Tyr Lys  
1 5

<210> 208  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 208

Ala Thr Tyr Ile Gln Asn Tyr Arg  
1 5

<210> 209  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 209

Asp Ile Ile Asp Pro Ala Phe Arg  
1 5

<210> 210  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 210

Asp Pro Ala Gly His Phe His Gln Val Trp Tyr Asp Asn Pro Gln Ser  
1 5 10 15

Ile Ser Leu Lys  
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<210> 211  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 211

Glu Ile Glu Gly Ser Gln Val Thr Phe Asp Val Ala Trp Ser Pro Lys  
1 5 10 15

<210> 212  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 212

Gly Ile Gly Met Trp Asn Ala Asn Cys Leu Asp Tyr Ser Gly Asp Ala  
1 5 10 15

Val Ala Lys

<210> 213  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 213

His His Pro Asp Phe Glu Val Phe Val Phe Asp Val Gly Gln Lys  
1 5 10 15

<210> 214  
<211> 13  
<212> PRT  
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<400> 214

Gln Gln Thr Glu Glu Met Trp Glu Val Leu Lys Pro Lys  
1 5 10

<210> 215  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 215

Ser Tyr Asp Trp Ser Gln Ile Thr Thr Val Ala Thr Phe Gly Lys  
1 5 10 15

<210> 216

<211> 15

<212> PRT

<213> Homo sapiens

<400> 216

Thr Asp Cys Pro Cys Pro Glu Pro Glu Leu Cys Arg Pro Ile Arg  
1 5 10 15

<210> 217

<211> 30

<212> PRT

<213> Homo sapiens

<400> 217

Thr Gln Tyr Met Asp Gly Ile Asn Ile Asp Ile Glu Gln Glu Val Asn  
1 5 10 15

Cys Leu Ser Pro Glu Tyr Asp Ala Leu Thr Ala Leu Val Lys  
20 25 30

<210> 218

<211> 15

<212> PRT

<213> Homo sapiens

<400> 218

Asp Ala Asn Ile Ser Gln Pro Glu Thr Thr Lys Glu Gly Leu Arg  
1 5 10 15

<210> 219

<211> 14

<212> PRT

<213> Homo sapiens

<400> 219

Ser Gly Val Gln Gln Leu Ile Gln Tyr Tyr Gln Asp Gln Lys  
1 5 10

<210> 220

<211> 13

<212> PRT

<213> Homo sapiens

<400> 220

Ser Tyr Asp Leu Asp Pro Gly Ala Gly Ser Leu Glu Ile  
1 5 10

<210> 221

<211> 19

<212> PRT

<213> Homo sapiens

<400> 221

Ile Leu Glu Asp Gly Ser Ile Tyr Thr Thr His Asp Leu Ile Leu Ser  
1 5 10 15

Ser Glu Arg

<210> 222

<211> 20

<212> PRT

<213> Homo sapiens

<400> 222

Ile Leu Glu Asp Gly Ser Ile Tyr Thr Thr His Asp Leu Ile Leu Ser  
1 5 10 15

Ser Glu Arg Lys  
20

<210> 223

<211> 12

<212> PRT

<213> Homo sapiens

<400> 223

Lys Ser Phe Ser Ile Phe Leu Ser Asp Gly Gln Arg  
1 5 10

<210> 224

<211> 11

<212> PRT

<213> Homo sapiens

<400> 224

Ser Phe Ser Ile Phe Leu Ser Asp Gly Gln Arg  
1 5 10

<210> 225

<211> 12

<212> PRT

<213> Homo sapiens

<400> 225

Ser Phe Ser Ile Phe Leu Ser Asp Gly Gln Arg Arg  
1 5 10

<210> 226

<211> 8

<212> PRT

<213> Homo sapiens

<400> 226

Val Asn Leu Glu Glu Cys Leu Lys

1 5

<210> 227  
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<400> 227

Val Pro Ser His Leu Gln Ala Glu Thr Leu Val Gly Lys  
1 5 10

<210> 228  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 228

Val Pro Ser His Leu Gln Ala Glu Thr Leu Val Gly Lys Val Asn Leu  
1 5 10 15

Glu Glu Cys Leu Lys  
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<210> 229  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 229

Val Tyr Leu Arg Val Pro Ser His Leu Gln Ala Glu Thr Leu Val Gly  
1 5 10 15

Lys

<210> 230  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 230

Gly Glu Glu Ile Thr Thr Lys Pro Glu Asn Met Glu His Cys Tyr Tyr  
1 5 10 15

Lys

<210> 231  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 231

His Leu Leu Gly Pro Asp Tyr Thr Glu Thr Leu Tyr Ser Pro Arg  
1 5 10 15

<210> 232  
<211> 13  
<212> PRT  
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<400> 232

Asn Ser Val Ala Ser Ile Ser Thr Cys Asp Gly Leu Arg  
1 5 10

<210> 233  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 233

Tyr Glu Pro Glu Val Gln Tyr Gln Met Ile Leu Asn Gly Glu Glu Ile  
1 5 10 15

Ile Leu Ser Leu Gln Lys  
20

<210> 234  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 234

Gly Phe Gly Gly Leu Thr Gly Gln Ile Val Ala Ala Leu Ser Thr Ala  
1 5 10 15

Lys

<210> 235  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 235

Gly Gly Ser Ile Gln Gln Tyr Ile Tyr Lys  
1 5 10

<210> 236  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 236

Gly His Tyr Phe Trp Met Leu Ser Pro Phe Ser Pro Pro Ser Pro Ala  
1 5 10 15

Arg

<210> 237  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 237

Ile Thr Glu Val Trp Gly Ile Pro Ser Pro Ile Asp Thr Val Phe Thr  
1 5 10 15

Arg

<210> 238  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 238

Arg Pro Ala Leu Asn Tyr Pro Val Tyr Gly Glu Thr Thr Gln Val Arg  
1 5 10 15

<210> 239  
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<400> 239

Phe Gln Leu Phe Gly Ser Pro Ser Gly Gln Lys  
1 5 10

<210> 240  
<211> 19  
<212> PRT  
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<400> 240

Ile Asp Ser Gly Leu Tyr Leu Gly Ser Gly Tyr Phe Thr Ala Ile Gln  
1 5 10 15

Asn Leu Arg

<210> 241  
<211> 16  
<212> PRT  
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<400> 241

Cys Pro Ala Gly Val Ser Leu Val Leu Asp Gly Cys Gly Cys Cys Arg  
1 5 10 15

<210> 242  
<211> 13  
<212> PRT  
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<400> 242

Asp Gly Ala Pro Cys Ile Phe Gly Gly Thr Val Tyr Arg  
1 5 10

<210> 243

<211> 12

<212> PRT

<213> Homo sapiens

<400> 243

Gly Leu Phe Cys Asp Phe Gly Ser Pro Ala Asn Arg  
1 5 10

<210> 244

<211> 10

<212> PRT

<213> Homo sapiens

<400> 244

Leu Pro Ser Pro Asp Cys Pro Phe Pro Arg  
1 5 10

<210> 245

<211> 11

<212> PRT

<213> Homo sapiens

<400> 245

Gly Ile Asp Ser Asp Ala Ser Tyr Pro Tyr Lys  
1 5 10

<210> 246

<211> 16

<212> PRT

<213> Homo sapiens

<400> 246

Leu Val Ser Leu Ser Ala Gln Asn Leu Val Asp Cys Ser Thr Glu Lys  
1 5 10 15

<210> 247

<211> 15

<212> PRT

<213> Homo sapiens

<400> 247

Gly Asn His Cys Gly Ile Ala Ser Phe Pro Ser Tyr Pro Glu Ile  
1 5 10 15

<210> 248

<211> 13

<212> PRT

<213> Homo sapiens

<400> 248

Ala Trp Ile Leu Glu Arg Ala Phe Pro Gln Cys Leu Arg  
1 5 10

<210> 249  
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<212> PRT  
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<400> 249

Cys Ile Ser Gly His Ala Phe Phe Tyr Thr Gly Glu Arg  
1 5 10

<210> 250  
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<400> 250

Asp Pro Cys Asp Pro Asn Pro Cys Gln Asn Asp Gly Ile Cys Val Asn  
1 5 10 15

Val Lys

<210> 251  
<211> 18  
<212> PRT  
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<400> 251

Ser Val Glu Asn Thr Gly Pro Leu Glu Asp His Asn Trp Pro Gln Tyr  
1 5 10 15

Phe Arg

<210> 252  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 252

Asp Ser Phe His Leu Asp Glu Gln Phe Thr Val Pro Val Glu Met Met  
1 5 10 15

Gln Ala Arg

<210> 253  
<211> 26  
<212> PRT  
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<400> 253

Gly Phe Pro Ile Lys Glu Asp Phe Leu Glu Gln Ser Glu Gln Leu Phe  
1 5 10 15

Gly Ala Lys Pro Val Ser Leu Thr Gly Lys  
20 25

<210> 254  
<211> 24  
<212> PRT  
<213> Homo sapiens  
  
<400> 254

His Gln Met Asp Leu Val Ala Thr Leu Ser Gln Leu Gly Leu Gln Glu  
1 5 10 15

Leu Phe Gln Ala Pro Asp Leu Arg  
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Leu Cys Gln Asp Leu Gly Pro Gly Ala Phe Arg  
1 5 10

<210> 256  
<211> 13  
<212> PRT  
<213> Homo sapiens  
  
<400> 256

Leu Gly Asn Gln Glu Pro Gly Gly Gln Thr Ala Leu Lys  
1 5 10

<210> 257  
<211> 19  
<212> PRT  
<213> Homo sapiens  
  
<400> 257

Leu Gln Gln Val Leu His Ala Gly Ser Gly Pro Cys Leu Pro His Leu  
1 5 10 15

Leu Ser Arg

<210> 258  
<211> 10  
<212> PRT  
<213> Homo sapiens  
  
<400> 258

Asn Lys Phe Asp Pro Ser Leu Thr Gln Arg

1 5 10

<210> 259  
<211> 12  
<212> PRT  
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<400> 259

Asn Gln Glu Gln Val Ser Pro Leu Thr Leu Leu Lys  
1 5 10

<210> 260  
<211> 13  
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<400> 260

Gln Glu Asp Asp Leu Ala Asn Ile Asn Gln Trp Val Lys  
1 5 10

<210> 261  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 261

Trp Phe Leu Leu Glu Gln Pro Glu Ile Gln Val Ala His Phe Pro Phe  
1 5 10 15

Lys

<210> 262  
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<212> PRT  
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<400> 262

Asp Phe Leu Gln Ser Leu Lys  
1 5

<210> 263  
<211> 16  
<212> PRT  
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<400> 263

Glu Gln Gln Asp Ser Pro Gly Asn Lys Asp Phe Leu Gln Ser Leu Lys  
1 5 10 15

<210> 264  
<211> 10  
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<400> 264

Gly Asp Lys Leu Phe Gly Pro Asp Leu Lys  
1 5 10

<210> 265  
<211> 7  
<212> PRT  
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<400> 265

Leu Phe Gly Pro Asp Leu Lys  
1 5

<210> 266  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 266

Leu Val Pro Pro Met Glu Glu Asp Tyr Pro Gln Phe Gly Ser Pro Lys  
1 5 10 15

<210> 267  
<211> 25  
<212> PRT  
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<400> 267

Leu Asn Pro Gly Ala Leu Leu Pro Val Leu Thr Asp Pro Ala Leu Asn  
1 5 10 15

Asp Leu Tyr Val Ile Ser Thr Phe Lys  
20 25

<210> 268  
<211> 25  
<212> PRT  
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<400> 268

Leu Asn Pro Gly Ala Leu Leu Pro Val Leu Thr Asp Pro Ala Leu Asn  
1 5 10 15

Asp Leu Tyr Val Ile Ser Thr Phe Lys  
20 25

<210> 269  
<211> 17  
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<213> Homo sapiens

<400> 269

Ala Leu Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val  
1 5 10 15

## Arg

<210> 270  
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<212> PRT  
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<400> 270

Cys Glu Pro Cys Asp Ala Arg Ala Leu Ala Gln Cys Ala Pro Pro Pro  
1 5 10 15

Ala Val Cys Ala Glu Leu Val Arg  
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<210> 271  
<211> 18  
<212> PRT  
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<400> 271

Cys Gln Pro Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp  
1 5 10 15

## Gly Arg

<210> 272  
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<212> PRT  
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<400> 272

Glu Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln  
1 5 10 15

Pro Cys Gly Ile Tyr Thr Glu Arg  
20

<210> 273  
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<400> 273

Phe His Pro Leu His Ser Lys  
1 5

<210> 274  
<211> 12  
<212> PRT  
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<400> 274

Gly Ala Ser Ser Gly Gly Leu Gly Pro Val Val Arg  
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<210> 275  
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<400> 275

Gly Leu Cys Val Asn Ala Ser Ala Val Ser Arg  
1 5 10

<210> 276  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 276

Ser Ala Gly Ser Val Glu Ser Pro Ser Val Ser Ser Thr His Arg  
1 5 10 15

<210> 277  
<211> 17  
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<213> Homo sapiens

<400> 277

Ala Leu Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val  
1 5 10 15

Arg

<210> 278  
<211> 18  
<212> PRT  
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<400> 278

Cys Gln Pro Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp  
1 5 10 15

Gly Arg

<210> 279  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 279

Glu Met Glu Asp Thr Leu Asn His Leu Lys  
1 5 10

<210> 280  
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&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 280

Glu Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln  
1 5 10 15

Pro Cys Gly Ile Tyr Thr Glu Arg  
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&lt;210&gt; 281

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 281

Glu Thr Glu Tyr Gly Pro Cys Arg  
1 5

&lt;210&gt; 282

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 282

Phe Leu Asn Val Leu Ser Pro Arg  
1 5

&lt;210&gt; 283

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 283

Gly Ala Ser Ser Gly Gly Leu Gly Pro Val Val Arg  
1 5 10

&lt;210&gt; 284

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 284

Tyr Gly Gln Pro Leu Pro Gly Tyr Thr Thr Lys  
1 5 10

&lt;210&gt; 285

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 285

Arg Gly Ser Gly Leu Gly Val Ser Ser Phe Leu Arg  
1 5 10

&lt;210&gt; 286

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 286

Ile Ser His Glu Leu Asp Ser Ala Ser Ser Glu Val Asn  
1 5 10

&lt;210&gt; 287

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 287

Ile Ser His Glu Leu Asp Ser Ala Ser Ser Glu Val Asn  
1 5 10

&lt;210&gt; 288

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 288

Ala Asn Asp Glu Ser Asn Glu His Ser Asp Val Ile Asp Ser Gln Glu  
1 5 10 15

Leu Ser Lys

&lt;210&gt; 289

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 289

Lys Ala Asn Asp Glu Ser Asn Glu His Ser Asp Val Ile Asp Ser Gln  
1 5 10 15

Glu Leu Ser Lys  
20

&lt;210&gt; 290

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 290

Ile Pro Ala Cys Ile Ala Gly Glu Arg  
1 5

&lt;210&gt; 291

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

<400> 291

Leu Trp Ala Phe Cys Cys  
1 5

<210> 292

<211> 16

<212> PRT

<213> Homo sapiens

<400> 292

Asn Met Asp Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Glu Arg  
1 5 10 15

<210> 293

<211> 10

<212> PRT

<213> Homo sapiens

<400> 293

Arg Tyr Gly Thr Cys Ile Tyr Gln Gly Arg  
1 5 10

<210> 294

<211> 22

<212> PRT

<213> Homo sapiens

<400> 294

Thr Trp Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly  
1 5 10 15

Pro Ser Asp Trp Gln Lys  
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<210> 295

<211> 16

<212> PRT

<213> Homo sapiens

<400> 295

Ile Asn Leu Leu Gly Phe Leu Gly Leu Val His Cys Leu Pro Cys Lys  
1 5 10 15

<210> 296

<211> 9

<212> PRT

<213> Homo sapiens

<400> 296

Val Pro Val Leu Gly Cys Val Asp Arg  
1 5

<210> 297

<211> 17

<212> PRT

<213> Homo sapiens

<400> 297

Gly Ile Ile Trp Gly Glu Asp Thr Leu Met Glu Tyr Leu Glu Asn Pro  
1 5 10 15

Lys

<210> 298

<211> 7

<212> PRT

<213> Homo sapiens

<400> 298

Val Ile Asp Gln Phe Gly Glu  
1 5

<210> 299

<211> 9

<212> PRT

<213> Homo sapiens

<400> 299

Ser Ala Leu Val Leu Gln Tyr Leu Arg  
1 5

<210> 300

<211> 19

<212> PRT

<213> Homo sapiens

<400> 300

Ala Thr Thr Val Thr Gly Thr Pro Cys Gln Asp Trp Ala Ala Gln Glu  
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Pro His Arg

<210> 301

<211> 11

<212> PRT

<213> Homo sapiens

<400> 301

His Ser Ile Phe Thr Pro Glu Thr Asn Pro Arg  
1 5 10

<210> 302

<211> 18

<212> PRT

<213> Homo sapiens

<400> 302

Asn Pro Asp Ala Asp Lys Gly Pro Trp Cys Phe Thr Thr Asp Pro Ser  
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10

15

Val Arg

<210> 303  
<211> 17  
<212> PRT  
<213> Homo sapiens  
<400> 303

Asn Pro Asp Gly Asp Val Gly Gly Pro Trp Cys Tyr Thr Thr Asn Pro  
1 5 10 15

Arg

<210> 304  
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<400> 304

Gly Arg Pro Gly Pro Gln Pro Trp Cys Ala Thr Thr Pro Asn Phe Asp  
1 5 10 15

Gln Asp Gln Arg  
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<210> 305  
<211> 8  
<212> PRT  
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<400> 305

Lys Ser Leu Ser Ser Met Thr Arg  
1 5

<210> 306  
<211> 18  
<212> PRT  
<213> Homo sapiens  
<400> 306

Leu Cys His Cys Pro Val Gly Tyr Thr Gly Pro Phe Cys Asp Val Asp  
1 5 10 15

Thr Lys

<210> 307  
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<212> PRT  
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<400> 307

Asn Gly Pro Leu Ser Cys Gly Gln Arg  
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<210> 308

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<400> 308

Asn Pro Asp Asn Asp Ile Arg Pro Trp Cys Phe Val Leu Asn Arg  
1 5 10 15

<210> 309

<211> 7  
<212> PRT  
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<400> 309

Ser Leu Ser Ser Met Thr Arg  
1 5

<210> 310

<211> 9  
<212> PRT  
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<400> 310

Val Val Asp Val Leu Asp Ser Ile Lys  
1 5

<210> 311

<211> 10  
<212> PRT  
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<400> 311

Cys Tyr Asn Glu Leu Asn Gly Cys Thr Lys  
1 5 10

<210> 312

<211> 24  
<212> PRT  
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<400> 312

Ile Tyr Asp Pro Val Cys Gly Thr Asp Gly Asn Thr Tyr Pro Asn Glu  
1 5 10 15

Cys Val Leu Cys Phe Glu Asn Arg  
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<210> 313

<211> 8  
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<213> Homo sapiens

<400> 313

Gln Thr Ser Ile Leu Ile Gln Lys  
1 5

<210> 314

<211> 24

<212> PRT

<213> Homo sapiens

<400> 314

Ile Tyr Asp Pro Val Cys Gly Thr Asp Gly Asn Thr Tyr Pro Asn Glu  
1 5 10 15

Cys Val Leu Cys Phe Glu Asn Arg  
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<210> 315

<211> 8

<212> PRT

<213> Homo sapiens

<400> 315

Gln Thr Ser Ile Leu Ile Gln Lys  
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<210> 316

<211> 5

<212> PRT

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<400> 316

Phe Gly Leu Glu Lys  
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<210> 317

<211> 9

<212> PRT

<213> Homo sapiens

<400> 317

Gly Tyr Thr Gln Gln Leu Ala Phe Arg  
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<210> 318

<211> 11

<212> PRT

<213> Homo sapiens

<400> 318

Gln Pro Ser Ser Ala Phe Ala Ala Phe Val Lys  
1 5 10

<210> 319

<211> 13  
<212> PRT  
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<400> 319

Ala Glu Met Ala Asp Gln Ala Ser Ala Trp Leu Thr Arg  
1 5 10

<210> 320  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 320

Ala Ile Asn Glu Lys Leu Gly Gln Tyr Ala Ser Pro Thr Ala Lys  
1 5 10 15

<210> 321  
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<212> PRT  
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<400> 321

Gly Leu Glu Glu Leu Gln Phe Ser Leu Gly Ser Lys  
1 5 10

<210> 322  
<211> 10  
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<400> 322

Leu Gly Gln Tyr Ala Ser Pro Thr Ala Lys  
1 5 10

<210> 323  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 323

Leu Gly Gln Tyr Ala Ser Pro Thr Ala Lys Arg  
1 5 10

<210> 324  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 324

Asn Gly Phe Lys Ser His Ala Leu Gln Leu Asn Asn Arg  
1 5 10

<210> 325  
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<212> PRT

<213> Homo sapiens

<400> 325

Gln Gly Ser Phe Gln Gly Gly Phe Arg  
1 5

<210> 326

<211> 10

<212> PRT

<213> Homo sapiens

<400> 326

Ser Phe Phe Pro Glu Asn Trp Leu Trp Arg  
1 5 10

<210> 327

<211> 9

<212> PRT

<213> Homo sapiens

<400> 327

Ser His Ala Leu Gln Leu Asn Asn Arg  
1 5

<210> 328

<211> 25

<212> PRT

<213> Homo sapiens

<400> 328

Ser Thr Gln Asp Thr Val Ile Ala Leu Asp Ala Leu Ser Ala Tyr Trp  
1 5 10 15

Ile Ala Ser His Thr Thr Glu Glu Arg  
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<210> 329

<211> 21

<212> PRT

<213> Homo sapiens

<400> 329

Val Gln Gln Pro Asp Cys Arg Glu Pro Phe Leu Ser Cys Cys Gln Phe  
1 5 10 15

Ala Glu Ser Leu Arg  
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<210> 330

<211> 26

<212> PRT

<213> Homo sapiens

<400> 330

Val Thr Ala Ser Asp Pro Leu Asp Thr Leu Gly Ser Glu Gly Ala Leu  
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Ser Pro Gly Gly Val Ala Ser Leu Leu Arg  
20 25

<210> 331  
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<212> PRT  
<213> Homo sapiens

<400> 331

Glu Asn Phe Leu Phe Leu Thr Pro Asp Cys Lys  
1 5 10

<210> 332  
<211> 14  
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<400> 332

Ile Ala Ser Phe Ser Gln Asn Cys Asp Ile Tyr Pro Gly Lys  
1 5 10

<210> 333  
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<400> 333

Ile Gly Glu Ile Lys Glu Glu Thr Thr Ser His Leu Arg  
1 5 10

<210> 334  
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<212> PRT  
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<400> 334

Gln Val Val Ala Gly Leu Asn Phe Arg  
1 5

<210> 335  
<211> 11  
<212> PRT  
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<400> 335

Thr Val Gly Ser Asp Thr Phe Tyr Ser Phe Lys  
1 5 10

<210> 336  
<211> 13  
<212> PRT  
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<400> 336

Ile Gly Glu Ile Lys Glu Glu Thr Thr Ser His Leu Arg  
1 5 10

<210> 337  
<211> 9  
<212> PRT  
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<400> 337

Asn Leu Leu Asp His Leu Glu Glu Lys  
1 5

<210> 338  
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<400> 338

Phe Leu Ser Val Val Ser Ser Val Leu Thr Glu Lys  
1 5 10

<210> 339  
<211> 11  
<212> PRT  
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<400> 339

Ser Ile Asp Asp Ile Gly Gly Ala Leu Ser Lys  
1 5 10

<210> 340  
<211> 9  
<212> PRT  
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<400> 340

Thr Ile Ile Val Ser Met Trp Ala Lys  
1 5

<210> 341  
<211> 10  
<212> PRT  
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<400> 341

Val Val Ala Ala Val Gly Asp Ala Val Lys  
1 5 10

<210> 342  
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<212> PRT  
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<400> 342

Met Ser Pro Trp Ser Glu Trp Ser Gln Cys Asp Pro Cys Leu Arg Gln

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15

Met Phe Arg

<210> 343  
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<212> PRT  
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<400> 343

Arg Pro Trp Asn Val Ala Ser Leu Ile Tyr Glu Thr Lys  
1 5 10

<210> 344  
<211> 9  
<212> PRT  
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<400> 344

Val Val Glu Glu Ser Glu Leu Ala Arg  
1 5

<210> 345  
<211> 13  
<212> PRT  
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<400> 345

Ala Pro Gln Leu Arg Glu Thr Leu Leu Gln Asp Phe Arg  
1 5 10

<210> 346  
<211> 8  
<212> PRT  
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<400> 346

Glu Thr Leu Leu Gln Asp Phe Arg  
1 5

<210> 347  
<211> 27  
<212> PRT  
<213> Homo sapiens

<400> 347

Glu Thr Leu Leu Gln Asp Phe Arg Val Val Ala Gln Gly Val Gly Ile  
1 5 10 15

Pro Glu Asp Ser Ile Phe Thr Met Ala Asp Arg  
20 25

<210> 348  
<211> 17

<212> PRT  
<213> Homo sapiens

<400> 348

Gly Glu Cys Val Pro Gly Glu Gln Glu Pro Glu Pro Ile Leu Ile Pro  
1 5 10 15

Arg

<210> 349  
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<212> PRT  
<213> Homo sapiens

<400> 349

Gly Val Cys Glu Glu Thr Ser Gly Ala Tyr Glu Lys  
1 5 10

<210> 350  
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<212> PRT  
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<400> 350

Gly Val Cys Glu Glu Thr Ser Gly Ala Tyr Glu Lys Thr Asp Thr Asp  
1 5 10 15

Gly Lys

<210> 351  
<211> 13  
<212> PRT  
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<400> 351

Lys Gly Val Cys Glu Glu Thr Ser Gly Ala Tyr Glu Lys  
1 5 10

<210> 352  
<211> 23  
<212> PRT  
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<400> 352

Met Thr Val Ser Thr Leu Val Leu Gly Glu Gly Ala Thr Glu Ala Glu  
1 5 10 15

Ile Ser Met Thr Ser Thr Arg  
20

<210> 353  
<211> 19  
<212> PRT

<213> Homo sapiens

<400> 353

Val Val Ala Gln Gly Val Gly Ile Pro Glu Asp Ser Ile Phe Thr Met  
1 5 10 15

Ala Asp Arg

<210> 354

<211> 36

<212> PRT

<213> Homo sapiens

<400> 354

Val Val Ala Gln Gly Val Gly Ile Pro Glu Asp Ser Ile Phe Thr Met  
1 5 10 15

Ala Asp Arg Gly Glu Cys Val Pro Gly Glu Gln Glu Pro Glu Pro Ile  
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Leu Ile Pro Arg  
35

<210> 355

<211> 14

<212> PRT

<213> Homo sapiens

<400> 355

Trp Tyr Asn Leu Ala Ile Gly Ser Thr Cys Pro Trp Leu Lys  
1 5 10

<210> 356

<211> 17

<212> PRT

<213> Homo sapiens

<400> 356

Cys Leu Leu Phe Ser Phe Leu Pro Ala Ser Ser Ile Asn Asp Met Glu  
1 5 10 15

Lys

<210> 357

<211> 13

<212> PRT

<213> Homo sapiens

<400> 357

Cys Gln Phe Phe Ser Tyr Ala Thr Gln Thr Phe His Lys  
1 5 10

&lt;210&gt; 358

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 358

Asp Ser Val Thr Gly Thr Leu Pro Lys  
1 5

&lt;210&gt; 359

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 359

Gly Cys Leu Thr Gln Leu Tyr Glu Asn Ala Phe Phe Arg  
1 5 10

&lt;210&gt; 360

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 360

Gly Val Asn Val Cys Gln Glu Thr Cys Thr Lys  
1 5 10

&lt;210&gt; 361

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 361

Leu Ser Met Asp Gly Ser Pro Thr Arg  
1 5

&lt;210&gt; 362

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 362

Thr Gly Ala Val Ser Gly His Ser Leu Lys Gln Cys Gly His Gln Ile  
1 5 10 15Ser Ala Cys His Arg  
20

&lt;210&gt; 363

&lt;211&gt; 26

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 363

Thr Ser Glu Ser Gly Thr Pro Ser Ser Ser Thr Pro Gln Glu Asn Thr  
1 5 10 15

Ile Ser Gly Tyr Ser Leu Leu Thr Cys Lys  
20 25

<210> 364  
<211> 10  
<212> PRT  
<213> Homo sapiens  
<400> 364

Val Leu Thr Pro Asp Ala Phe Val Cys Arg  
1 5 10

<210> 365  
<211> 13  
<212> PRT  
<213> Homo sapiens  
<400> 365

Leu Val Gly Ile Thr Ser Trp Gly Glu Gly Cys Ala Arg  
1 5 10

<210> 366  
<211> 11  
<212> PRT  
<213> Homo sapiens  
<400> 366

Val Ala Glu Tyr Met Asp Trp Ile Leu Glu Lys  
1 5 10

<210> 367  
<211> 12  
<212> PRT  
<213> Homo sapiens  
<400> 367

Val Ser Glu Gly Asn His Asp Ile Ala Leu Ile Lys  
1 5 10

<210> 368  
<211> 12  
<212> PRT  
<213> Homo sapiens  
<400> 368

Ser Gln Val Val Ala Gly Thr Asn Tyr Phe Ile Lys  
1 5 10

<210> 369  
<211> 12  
<212> PRT  
<213> Homo sapiens  
<400> 369

Val His Val Gly Asp Glu Asp Phe Val His Leu Arg  
1 5 10

<210> 370  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 370

Gly Leu Glu Thr Ser Leu Ala Glu Cys Thr Phe Thr Lys  
1 5 10

<210> 371  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 371

Ser Val Asn Pro Tyr Leu Gln Gly Gln Arg  
1 5 10

<210> 372  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 372

Met Glu Leu Gln Val Ser Ser Gly Phe Val Cys Asn Thr Cys Pro Glu  
1 5 10 15

Lys

<210> 373  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 373

Gly Thr Val Gln Gly Gln Leu Gln Gly Pro Ile Ser Lys  
1 5 10

<210> 374  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 374

Leu Gly Leu Val Gly Trp Val Gln Asn Thr Asp Arg  
1 5 10

<210> 375  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 375

Ile Ser Val Asn Asn Val Leu Pro Val Phe Asp Asn Leu Met Gln Gln  
1 5 10 15

Lys

<210> 376  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 376

Asn His Cys Gly Ile Ala Ser Ala Ala Ser Tyr Pro Thr Val  
1 5 10

<210> 377  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 377

Asn Ser Trp Gly Glu Glu Trp Gly Met Gly Gly Tyr Val Lys  
1 5 10

<210> 378  
<211> 18  
<212> PRT  
<213> Homo sapiens

<400> 378

Asn Gly Pro Val Glu Gly Ala Phe Ser Val Tyr Ser Asp Phe Leu Leu  
1 5 10 15

Tyr Lys

<210> 379  
<211> 24  
<212> PRT  
<213> Homo sapiens

<400> 379

Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly Val Ser Cys Thr Pro  
1 5 10 15

Thr Val Glu Tyr Pro Cys Gly Lys  
20

<210> 380  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 380

Asn Leu Pro Ser Asp Ser Gln Asp Leu Gly Gln His Gly Leu Glu Glu  
1 5 10 15

Asp Phe Met Leu  
20

<210> 381  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 381

Gly Leu Ser Ala Glu Pro Gly Trp Gln Ala  
1 5 10

<210> 382  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 382

Ser Gly Glu Ala Thr Asp Gly Ala Arg Pro Gln Ala Leu Pro Glu Pro  
1 5 10 15

Met Gln Glu Ser Lys  
20

<210> 383  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 383

Tyr Pro Gly Pro Gln Ala Glu Gly Asp Ser Glu Gly Leu Ser Gln Gly  
1 5 10 15

Leu Val Asp Arg  
20

<210> 384  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 384

Tyr Pro Gly Pro Gln Ala Glu Gly Asp Ser Glu Gly Leu Ser Gln Gly  
1 5 10 15

Leu Val Asp Arg Glu Lys  
20

<210> 385  
<211> 12  
<212> PRT

<213> Homo sapiens

<400> 385

Phe Val Pro Ile Phe Thr Tyr Gly Glu Leu Gln Arg  
1 5 10

<210> 386

<211> 10

<212> PRT

<213> Homo sapiens

<400> 386

Ala Ile Glu Glu Asn Asn Asn Phe Ser Lys  
1 5 10

<210> 387

<211> 13

<212> PRT

<213> Homo sapiens

<400> 387

Ala Ser Gly Gln Ala Phe Glu Leu Ile Leu Ser Pro Arg  
1 5 10

<210> 388

<211> 9

<212> PRT

<213> Homo sapiens

<400> 388

Asp Leu Ser Leu Glu Glu Ile Gln Lys  
1 5

<210> 389

<211> 14

<212> PRT

<213> Homo sapiens

<400> 389

Cys Pro Asp Gly Ser Thr Cys Cys Glu Leu Pro Ser Gly Lys  
1 5 10

<210> 390

<211> 16

<212> PRT

<213> Homo sapiens

<400> 390

Ser Arg Cys Pro Asp Gly Ser Thr Cys Cys Glu Leu Pro Ser Gly Lys  
1 5 10 15

<210> 391

<211> 9

<212> PRT

<213> Homo sapiens

<400> 391

Cys Asp Glu Pro Ile Leu Ser Asn Arg  
1 5

<210> 392

<211> 20

<212> PRT

<213> Homo sapiens

<400> 392

Gly Asn Asp Ile Ser Ser Gly Thr Val Leu Ser Asp Tyr Val Gly Ser  
1 5 10 15

Gly Pro Pro Lys  
20

<210> 393

<211> 14

<212> PRT

<213> Homo sapiens

<400> 393

Leu Tyr Thr Leu Val Leu Thr Asp Pro Asp Ala Pro Ser Arg  
1 5 10

<210> 394

<211> 15

<212> PRT

<213> Homo sapiens

<400> 394

Asn Arg Pro Thr Ser Ile Ser Trp Asp Gly Leu Asp Ser Gly Lys  
1 5 10 15

<210> 395

<211> 9

<212> PRT

<213> Homo sapiens

<400> 395

Cys Ala Ala Asp Leu Gly Leu Asn Lys  
1 5

<210> 396

<211> 20

<212> PRT

<213> Homo sapiens

<400> 396

Cys Leu Ala Phe His Asp Ile Ser Pro Gln Ala Pro Thr His Phe Leu  
1 5 10 15

Val Ile Pro Lys  
20

<210> 397  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 397

Ile Ala Glu Phe Ala Phe Glu Tyr Ala Arg  
1 5 10

<210> 398  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 398

Thr Pro Ile Ala Ala Gly His Pro Ser Met Asn Leu Leu Leu Arg  
1 5 10 15

<210> 399  
<211> 18  
<212> PRT  
<213> Homo sapiens

<400> 399

Tyr Cys Cys Leu Ser Gly Cys Thr Gln Gln Asp Leu Leu Thr Leu Cys  
1 5 10 15

Pro Tyr

<210> 400  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 400

Glu Ala Ala Ala Asn Ala Gln Lys Trp Ala Asn Gln Cys Asn Tyr Arg  
1 5 10 15

<210> 401  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 401

Glu Ile Val Asn Lys His Asn Glu Leu Arg  
1 5 10

<210> 402  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 402

Leu Thr Leu Thr Cys Lys

1 5

<210> 403  
<211> 28  
<212> PRT  
<213> Homo sapiens

<400> 403

Leu Tyr Val Pro Tyr Glu Gln Gly Ala Pro Cys Ala Ser Cys Pro Asp  
1 5 10 15

Asn Cys Asp Asp Gly Leu Cys Thr Asn Gly Cys Lys  
20 25

<210> 404  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 404

Met Glu Trp Asn Lys Glu Ala Ala Ala Asn Ala Gln Lys  
1 5 10

<210> 405  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 405

Asn Glu Asp Lys Asp Pro Ala Phe Thr Ala Leu Leu Thr Thr Gln Thr  
1 5 10 15

Gln Val Gln Arg  
20

<210> 406  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 406

Ser Leu Lys Leu Thr Leu Thr Cys Lys  
1 5

<210> 407  
<211> 31  
<212> PRT  
<213> Homo sapiens

<400> 407

Thr Pro Asn Ala Val Val Gly His Tyr Thr Gln Val Val Trp Tyr Ser  
1 5 10 15

Ser Tyr Leu Val Gly Cys Gly Asn Ala Tyr Cys Pro Asn Gln Lys  
20 25 30

<210> 408  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 408

Val Leu Lys Tyr Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp  
1 5 10 15

Ala Asn Arg

<210> 409  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 409

Trp Ala Asn Gln Cys Asn Tyr Arg  
1 5

<210> 410  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 410

Tyr Glu Asp Leu Tyr Ser Asn Cys Lys  
1 5

<210> 411  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 411

Tyr Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp Ala Asn Arg  
1 5 10 15

<210> 412  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 412

Phe Ile Val Asp Tyr Ser Glu Thr Ser Pro Gln Cys Pro Lys Pro Gly  
1 5 10 15

Val Ile Leu Leu Thr Lys  
20

<210> 413  
<211> 14  
<212> PRT

<213> Homo sapiens

<400> 413

Leu Val Val Glu Cys Val Met Asn Asn Val Thr Cys Thr Arg  
1 5 10

<210> 414

<211> 5

<212> PRT

<213> Homo sapiens

<400> 414

Asn Leu Thr Ile Lys  
1 5

<210> 415

<211> 20

<212> PRT

<213> Homo sapiens

<400> 415

Gly Ala Asn Asp Gln Asp Phe Ala Val Ser Phe Ala Glu Asp Ala Ser  
1 5 10 15

Ser Ser Leu Arg  
20

<210> 416

<211> 20

<212> PRT

<213> Homo sapiens

<400> 416

Ser Cys Tyr Ser Thr Glu Tyr Ser Tyr Gly Thr Cys Thr Val Met Gly  
1 5 10 15

Ile Asn His Arg  
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<210> 417

<211> 10

<212> PRT

<213> Homo sapiens

<400> 417

Glu Pro Asn Ala Gln Glu Ile Leu Gln Arg  
1 5 10

<210> 418

<211> 11

<212> PRT

<213> Homo sapiens

<400> 418

Leu Lys Asp Leu Gln Glu Pro Gln Glu Pro Arg

1 5 10

<210> 419  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 419

Glu Glu Tyr Val Gly Leu Ser Ala Asn Gln Cys Ala Val Pro Ala Lys  
1 5 10 15

<210> 420  
<211> 18  
<212> PRT  
<213> Homo sapiens

<400> 420

Glu Glu Tyr Val Gly Leu Ser Ala Asn Gln Cys Ala Val Pro Ala Lys  
1 5 10 15

Asp Arg

<210> 421  
<211> 18  
<212> PRT  
<213> Homo sapiens

<400> 421

Ile Pro Gly Val Pro Trp Cys Phe Lys Pro Leu Gln Glu Ala Glu Cys  
1 5 10 15

Thr Phe

<210> 422  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 422

Ile Thr Phe Glu Leu Val Tyr Glu Glu Leu Leu Lys  
1 5 10

<210> 423  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 423

Leu Gly Val Tyr Glu Leu Leu Leu Lys  
1 5

<210> 424  
<211> 22

<212> PRT  
<213> Homo sapiens

<400> 424

Gln Gly Pro Val Asn Leu Leu Ser Asp Pro Glu Gln Gly Val Glu Val  
1 5 10 15

Thr Gly Gln Tyr Glu Arg  
20

<210> 425  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 425

Glu Ala Pro Leu Leu Leu Pro Ser Trp Val Gln Glu Leu Trp Glu Thr  
1 5 10 15

Arg

<210> 426  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 426

Leu Ser Glu Leu Ile Gln Pro Leu Pro Leu Glu Arg  
1 5 10

<210> 427  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 427

Thr Ala Asp Gly Asp Phe Pro Asp Thr Ile Gln Cys Ala Tyr Ile His  
1 5 10 15

Leu Val Ser Arg  
20

<210> 428  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 428

His Gln Asn Thr Phe Leu His Asp Ser Phe Gln Asn Val Ala Ala Val  
1 5 10 15

Cys Asp Leu Leu Ser Ile Val Cys Lys  
20 25

<210> 429  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 429

Ala Gly Glu Asn Gln Glu His Arg Arg  
1 5

<210> 430  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 430

Met Ser Gly Gly Thr Pro Tyr Ile Gly Ser Lys  
1 5 10

<210> 431  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 431

Ala Gly Leu Leu Arg Pro Asp Tyr Ala Leu Leu Gly His Arg  
1 5 10

<210> 432  
<211> 26  
<212> PRT  
<213> Homo sapiens

<400> 432

Ala Lys Ser Pro Pro Thr Met Val Asp Ser Leu Leu Ala Val Thr Leu  
1 5 10 15

Ala Gly Asn Leu Gly Leu Thr Phe Leu Arg  
20 25

<210> 433  
<211> 24  
<212> PRT  
<213> Homo sapiens

<400> 433

Ala Ser Leu Leu Thr Met Ala Phe Leu Asn Gly Ala Leu Asp Gly Val  
1 5 10 15

Ile Leu Gly Asp Tyr Leu Ser Arg  
20

<210> 434  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 434

Asp Gly Ser Pro Asp Val Thr Thr Ala Asp Ile Gly Ala Asn Thr Pro  
1 5 10 15

Asp Ala Thr Lys  
20

<210> 435

<211> 15

<212> PRT

<213> Homo sapiens

<400> 435

Glu Phe Thr Glu Ala Phe Leu Gly Cys Pro Ala Ile His Pro Arg  
1 5 10 15

<210> 436

<211> 32

<212> PRT

<213> Homo sapiens

<400> 436

Glu Gly Lys Glu Tyr Gly Val Val Leu Ala Pro Asp Gly Ser Thr Val  
1 5 10 15

Ala Val Glu Pro Leu Leu Ala Gly Leu Glu Ala Gly Leu Gln Gly Arg  
20 25 30

<210> 437

<211> 29

<212> PRT

<213> Homo sapiens

<400> 437

Glu Tyr Gly Val Val Leu Ala Pro Asp Gly Ser Thr Val Ala Val Glu  
1 5 10 15

Pro Leu Leu Ala Gly Leu Glu Ala Gly Leu Gln Gly Arg  
20 25

<210> 438

<211> 13

<212> PRT

<213> Homo sapiens

<400> 438

Gly Cys Pro Asp Val Gln Ala Ser Leu Pro Asp Ala Lys  
1 5 10

<210> 439

<211> 23

<212> PRT

<213> Homo sapiens

<400> 439

Gly Ser Gln Thr Gln Ser His Pro Asp Leu Gly Thr Glu Gly Cys Trp  
1 5 10 15

Asp Gln Leu Ser Ala Pro Arg  
20

<210> 440

<211> 18

<212> PRT

<213> Homo sapiens

<400> 440

His Thr Ala Ser Ala Trp Leu Met Ser Ala Pro Asn Ser Gly Pro His  
1 5 10 15

Asn Arg

<210> 441

<211> 26

<212> PRT

<213> Homo sapiens

<400> 441

Leu Leu Gln Leu Pro Leu Gly Phe Leu Tyr Val His His Thr Tyr Val  
1 5 10 15

Pro Ala Pro Pro Cys Thr Asp Phe Thr Arg  
20 25

<210> 442

<211> 25

<212> PRT

<213> Homo sapiens

<400> 442

Gln Asn Gly Ala Ala Leu Thr Ser Ala Ser Ile Leu Ala Gln Gln Val  
1 5 10 15

Trp Gly Thr Leu Val Leu Leu Gln Arg  
20 25

<210> 443

<211> 26

<212> PRT

<213> Homo sapiens

<400> 443

Arg Gln Asn Gly Ala Ala Leu Thr Ser Ala Ser Ile Leu Ala Gln Gln  
1 5 10 15

Val Trp Gly Thr Leu Val Leu Leu Gln Arg  
20 25

<210> 444  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 444

Ser Leu Pro Leu Leu Met Asp Ser Val Ile Gln Ala Leu Ala Glu Leu  
1 5 10 15

Glu Gln Lys

<210> 445  
<211> 24  
<212> PRT  
<213> Homo sapiens

<400> 445

Ser Pro Pro Thr Met Val Asp Ser Leu Leu Ala Val Thr Leu Ala Gly  
1 5 10 15

Asn Leu Gly Leu Thr Phe Leu Arg  
20

<210> 446  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 446

Thr Asp Cys Pro Gly Asp Ala Leu Phe Asp Leu Leu Arg  
1 5 10

<210> 447  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 447

Thr Phe Thr Leu Leu Asp Pro Lys  
1 5

<210> 448  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 448

Thr Pro Glu Pro Arg Pro Ser Leu Ser His Leu Leu Ser Gln Tyr Tyr  
1 5 10 15

Gly Ala Gly Val Ala Arg  
20

<210> 449  
<211> 30  
<212> PRT  
<213> Homo sapiens

<400> 449

val Ile Asn Leu Pro Leu Asp Ser Met Ala Ala Pro Trp Glu Thr Gly  
1 5 10 15

Asp Thr Phe Pro Asp Val Val Ala Ile Ala Pro Asp Val Arg  
20 25 30

<210> 450  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 450

Trp Gly Ala Ala Pro Tyr Arg  
1 5

<210> 451  
<211> 27  
<212> PRT  
<213> Homo sapiens

<400> 451

Tyr His Gln Asp Thr Gln Gly Trp Gly Asp Ile Gly Tyr Ser Phe Val  
1 5 10 15

Val Gly Ser Asp Gly Tyr Val Tyr Glu Gly Arg  
20 25

<210> 452  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 452

Phe Phe Gln Ser Leu Asp Gly Ile Met Phe Ile Asn Lys  
1 5 10

<210> 453  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 453

Ser Cys Pro Gln Trp Asn Ser Leu Ser Thr Cys His Ile Arg  
1 5 10

<210> 454  
<211> 23  
<212> PRT  
<213> Homo sapiens

<400> 454

Ala Phe Ser Ala Val Asp Thr Asp Gly Asn Gly Thr Ile Asn Ala Gln  
1 5 10 15

..

Glu Leu Gly Ala Ala Leu Lys  
20

<210> 455

<211> 10

<212> PRT

<213> Homo sapiens

<400> 455

Gln Gln Met Glu Glu Gln Val Ala Gln Lys  
1 5 10

<210> 456

<211> 25

<212> PRT

<213> Homo sapiens

<400> 456

Cys Asn Asn Gly Ile Cys Ile Pro Val Thr Glu Ser Ile Leu Thr Pro  
1 5 10 15

His Ile Pro Ala Leu Asp Gly Thr Arg  
20 25

<210> 457

<211> 9

<212> PRT

<213> Homo sapiens

<400> 457

Lys Val Ala Ile Leu Asn Tyr Gly Arg  
1 5

<210> 458

<211> 9

<212> PRT

<213> Homo sapiens

<400> 458

Phe Ala Val Glu Thr Leu Ile Cys Ser  
1 5

<210> 459

<211> 14

<212> PRT

<213> Homo sapiens

<400> 459

Gly Gln Tyr Asp Glu Glu Glu Met Thr Met Gln Gln Ala Lys  
1 5 10

<210> 460  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 460

Val Leu Leu Ala Gly Ala Pro Gln Ala Gln Gln Arg  
1 5 10

<210> 461  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 461

Ile Ala Gln Ser Ser Leu Cys Asn  
1 5

<210> 462  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 462

Lys Leu Val Asp Thr Leu Pro Gln Lys Pro Arg  
1 5 10

<210> 463  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 463

Leu Val Asp Thr Leu Pro Gln Lys Pro Arg  
1 5 10

<210> 464  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 464

Asp Val His Glu Gly Gln Pro Leu Leu Asn Val Lys  
1 5 10

<210> 465  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 465

Glu Ser Ala Glu Val Glu Glu Ile Val Phe Pro Arg  
1 5 10

&lt;210&gt; 466

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 466

Leu Ser Leu Lys Pro Thr Leu Thr Glu Glu Ser Val Lys  
1 5 10

&lt;210&gt; 467

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 467

Leu Ser Leu Lys Pro Thr Leu Thr Glu Glu Ser Val Lys Glu Ser Ala  
1 5 10 15

Glu Val Glu Glu Ile Val Phe Pro Arg  
20 25

&lt;210&gt; 468

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 468

Thr Gly Phe Pro Glu Asp Val Tyr Ser Ala Val Leu Ser Lys  
1 5 10

&lt;210&gt; 469

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 469

Val Gln Tyr Glu Ser Ser Glu Pro Ala Asp Phe Lys Val Asp Glu Asp  
1 5 10 15

Gly Met Val Tyr Ala Val Arg  
20

&lt;210&gt; 470

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 470

Trp Gln Val Ala Val Lys  
1 5

&lt;210&gt; 471

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

<400> 471

Phe Asn Ala Pro Phe Asp Val Gly Ile Lys  
1 5 10

<210> 472

<211> 12

<212> PRT

<213> Homo sapiens

<400> 472

Cys Gly Val Pro Asp Lys Phe Gly Ala Glu Ile Lys  
1 5 10

<210> 473

<211> 9

<212> PRT

<213> Homo sapiens

<400> 473

Phe Tyr Gly Leu Gln Val Thr Gly Lys  
1 5

<210> 474

<211> 14

<212> PRT

<213> Homo sapiens

<400> 474

Ser Pro Gln Ser Leu Ser Ala Ala Ile Ala Ala Met Gln Lys  
1 5 10

<210> 475

<211> 16

<212> PRT

<213> Homo sapiens

<400> 475

Asp Phe Asn Leu Leu Gln Val Ser Glu Pro Ser Glu Pro Cys Val Arg  
1 5 10 15

<210> 476

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Leu Tyr Leu Asp Ile His Asn Tyr Cys Val Leu Asp Lys  
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<210> 477

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<400> 477

Ala Gly Ala Ala Ala Gly Gly Pro Gly Val Ser Gly Val Cys Val Cys  
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Lys

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<400> 478

Glu Asp Ala Gly Glu Tyr Glu Cys His Ala Ser Asn Ser Gln Gly Gln  
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Ala Ser Ala Ser Ala Lys  
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<400> 479

Gly Thr Cys Glu Gln Gly Pro Ser Ile Val Thr Pro Pro Lys  
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<210> 480  
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<400> 480

Ile Thr Val Val Asp Ala Leu His Glu Ile Pro Val Lys  
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<210> 481  
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<400> 481

Ile Thr Val Val Asp Ala Leu His Glu Ile Pro Val Lys Lys  
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<400> 482

Ser Arg Tyr Pro Val Cys Gly Ser Asp Gly Thr Thr Tyr Pro Ser Gly  
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Cys Gln Leu Arg

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<400> 483

Thr Glu Leu Leu Pro Gly Asp Arg Asp Asn Leu Ala Ile Gln Thr Arg  
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<400> 484

Asp Ala Cys Gly Cys Cys Pro Met Cys Ala Arg  
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<400> 485

Gly Tyr Cys Ala Pro Gly Met Glu Cys Val Lys  
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Gly Ile Leu Gly Asp Trp Ser Asn Ala Ile Ser Ala Leu Tyr Cys Arg  
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Ala Ala Ala Phe Leu Gly Asp Ile Ala Leu Asp Glu Glu Asp Leu Arg  
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Gly Asp Gly Glu Leu Ser Trp Glu His Ser Asp Gly Asp Ile Phe Arg  
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Asp Gly Gln Ile Gly Cys Val Pro Arg  
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<400> 491

Gly Thr Asn Tyr Leu Ala Asp Val Phe Glu Lys  
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Gly Thr Asn Tyr Leu Ala Asp Val Phe Glu Lys  
1 5 10

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<400> 493

Ser Ile Ile Gly Met Ile Asp Met Phe His Lys  
1 5 10

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Ala Leu Asn Cys His Leu Pro Ala Ile Ile Phe Val Thr Lys  
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Ser Lys

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<400> 498

Cys Leu Ala Cys Ile Lys  
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<210> 499  
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<400> 499

Gly Leu Gln Val Ala Leu Glu Glu Phe His Lys  
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<400> 500

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Val Val Asn Asn Ser Pro Gln Pro Gln Asn Val Val Phe Asp Val Gln  
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Ile Pro Lys

<210> 504  
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<400> 504

Val Val Asn Asn Ser Pro Gln Pro Gln Asn Val Val Phe Asp Val Gln  
1 5 10 15

Ile Pro Lys

<210> 505  
<211> 13  
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<400> 505

Ala Glu Ala Gln Ala Gln Tyr Ser Ala Ala Val Ala Lys  
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&lt;210&gt; 506

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 506

Ala Asn Thr Val Gln Glu Ala Thr Phe Gln Met Glu Leu Pro Lys  
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&lt;210&gt; 507

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 507

Glu Lys Asn Gly Ile Asp Ile Tyr Ser Leu Thr Val Asp Ser Arg  
1 5 10 15

&lt;210&gt; 508

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 508

Phe Ala His Thr Val Val Thr Ser Arg  
1 5

&lt;210&gt; 509

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 509

Ala Leu Asp Gln Tyr Leu Met Glu Phe Asn Ala Cys Arg  
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&lt;210&gt; 510

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 510

Leu Gly Ser Leu Gly Ala Ala Cys Glu Gln Thr Gln Thr Glu Gly Ala  
1 5 10 15

Lys

&lt;210&gt; 511

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 511

Ser Leu Lys Tyr Asn Pro Val Val Ile Asp Phe Glu Met Gln Pro Ile  
1 5 10 15

His Glu Val Leu Arg  
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<210> 512  
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Tyr Asn Pro Val Val Ile Asp Phe Glu Met Gln Pro Ile His Glu Val  
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Leu Arg

<210> 513  
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<400> 513

Val Ser Thr Gln Asn Leu Leu Leu Leu Thr Asp Asn Glu Ala Trp  
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Asn Gly Phe Val Ala Ala Ala Glu Leu Pro Arg  
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<400> 514

Glu Phe Leu Gly Glu Asn Ile Ser Asn Phe Leu Ser Leu Ala Gly Asn  
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Thr Tyr Gln Leu Thr Arg  
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<400> 515

Trp Trp Thr Gln Ala Gln Ala His Asp Leu Val Ile Lys  
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<210> 516  
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<400> 516

Gln Val Ile Leu Thr Leu Gln Pro Thr Leu Val Ala Val Gly Lys  
1 5 10 15

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<400> 517

Val Asn Asp Asp Ile Ile Val Asn Trp Val Asn Glu Thr Leu Arg  
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<210> 518  
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<400> 518

Val Asn His Leu Tyr Ser Asp Leu Ser Asp Ala Leu Val Ile Phe Gln  
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Leu Tyr Glu Lys  
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<210> 519  
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Gly Gly Gly Pro Leu Ser Leu Arg  
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<400> 520

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Asp Phe Ala Leu Leu Ser Leu Gln Val Pro Leu Lys  
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Gly Pro Glu Val Gln Leu Val Ala His Ser Pro Trp Leu Lys  
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Ser Cys Gly Leu His Gln Leu Leu Arg  
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Thr Thr Asn Ile Gln Gly Ile Asn Leu Leu Phe Ser Ser Arg  
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Ile Leu His Val Phe His Gly Leu Leu Pro Gly Phe Leu Val Lys  
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<210> 526  
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Leu Pro Gly Thr Tyr Val Val Val Leu Lys  
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<210> 527  
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Met Ser Gly Asp Leu Leu Glu Leu Ala Leu Lys  
1 5 10

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Ser Glu Glu Asp Gly Leu Ala Glu Ala Pro Glu His Gly Thr Thr Ala  
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Thr Phe His Arg  
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Thr Gly Leu Gln Glu Val Glu Val Lys  
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Leu Ser Gly Ala Leu His Val Tyr Ser Leu Gly Ser Asp  
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Asn Gln Val Val Ile Ala Ala Gly Arg  
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Gln Val Pro Gly Phe Gly Ala Ala Asp Ala Leu Gly Asn Arg  
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&lt;210&gt; 534

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 534

Val Gly Glu Ala Ala His Ala Leu Gly Asn Thr Gly His Glu Ile Gly  
1 5 10 15

Arg

&lt;210&gt; 535

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 535

Val Ser Glu Ala Leu Gly Gln Gly Thr Arg  
1 5 10

&lt;210&gt; 536

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 536

Ala Ile Gly Lys Glu Ala Gly Gly Ala Ala Gly Ser Lys  
1 5 10

&lt;210&gt; 537

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 537

Gln Val Pro Gly Phe Gly Ala Ala Asp Ala Leu Gly Asn Arg  
1 5 10

&lt;210&gt; 538

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 538

Gln Val Pro Gly Phe Gly Val Ala Asp Ala Leu Gly Asn Arg  
1 5 10

&lt;210&gt; 539

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 539

Val Gly Glu Ala Ala His Ala Leu Gly Asn Thr Gly His Glu Ile Gly  
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## Arg

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<400> 540

Ala Leu Tyr Tyr Asp Leu Ile Ser Ser Pro Asp Ile His Gly Thr Tyr  
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## Lys

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Asp Thr Asp Thr Gly Ala Leu Leu Phe Ile Gly Lys  
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<210> 542  
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Glu Ile Pro Asp Glu Ile Ser Ile Leu Leu Leu Gly Val Ala His Phe  
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## Lys

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Glu Leu Leu Asp Thr Val Thr Ala Pro Gln Lys  
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<210> 544  
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<400> 544

Ile Ala Gln Leu Pro Leu Thr Gly Ser Met Ser Ile Ile Phe Phe Leu  
1 5 10 15

Pro Leu Lys

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<400> 545

Lys Thr Ser Leu Glu Asp Phe Tyr Leu Asp Glu Glu Arg  
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<210> 546  
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Leu Ala Ala Ala Val Ser Asn Phe Gly Tyr Asp Leu Tyr Arg  
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Leu Asp Leu Gln Glu Ile Asn Asn Trp Val Gln Ala Gln Met Lys  
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<400> 548

Leu Gln Ser Leu Phe Asp Ser Pro Asp Phe Ser Lys  
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<400> 549

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Ala Thr Ala Leu Ser Ala Leu Ser Leu Gly Ala Glu Gln Arg  
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<400> 550

Thr Ser Leu Glu Asp Phe Tyr Leu Asp Glu Glu Arg  
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<210> 551

<211> 10

<212> PRT

<213> Homo sapiens

<400> 551

Tyr Gly Leu Asp Ser Asp Leu Ser Cys Lys  
1 5 10

<210> 552

<211> 17

<212> PRT

<213> Homo sapiens

<400> 552

Ala Leu Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val  
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Arg

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<211> 18

<212> PRT

<213> Homo sapiens

<400> 553

Cys Gln Pro Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp  
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Gly Arg

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<211> 10

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<400> 554

Glu Met Glu Asp Thr Leu Asn His Leu Lys  
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<400> 555

Glu Met Glu Asp Thr Leu Asn His Leu Lys Phe Leu Asn Val Leu Ser  
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Pro Arg

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<212> PRT  
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<400> 556

Glu Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln  
1 5 10 15

Pro Cys Gly Ile Tyr Thr Glu Arg  
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Glu Thr Glu Tyr Gly Pro Cys Arg  
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Phe Leu Asn Val Leu Ser Pro Arg  
1 5

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Gly Ala Ser Ser Gly Gly Leu Gly Pro Val Val Arg  
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Gly Phe Cys Trp Cys Val Asp Lys  
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<210> 561  
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Gly Phe Cys Trp Cys Val Asp Lys Tyr Gly Gln Pro Leu Pro Gly Tyr  
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Thr Thr Lys

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<211> 9

<212> PRT

<213> Homo sapiens

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Gly Val His Ile Pro Asn Cys Asp Lys  
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Gly Val His Ile Pro Asn Cys Asp Lys Lys  
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<210> 564

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<212> PRT

<213> Homo sapiens

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Arg Glu Thr Glu Tyr Gly Pro Cys Arg  
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<210> 565

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<400> 565

Arg Gly Phe Cys Trp Cys Val Asp Lys  
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Ser Ala Gly Ser Val Glu Ser Pro Ser Val Ser Ser Thr His Arg  
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<211> 11  
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Tyr Gly Gln Pro Leu Pro Gly Tyr Thr Thr Lys  
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Gln Val Gln Arg  
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Ala Trp Phe Leu Glu Ser Lys  
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<210> 570  
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Ala Trp Phe Leu Glu Ser Lys Asp Ser Leu Leu Lys  
1 5 10

<210> 571  
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Asp Gly Trp Gln Trp Phe Trp Ser Pro Ser Thr Phe Arg  
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Asp Leu Gly Pro Leu Thr Lys  
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Glu Leu Leu Glu Thr Val Val Asn Arg  
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Gly Phe Met Gln Thr Tyr Tyr Asp Asp His Leu Arg  
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Leu Thr Lys

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Lys Thr His Ser Leu Cys Pro Arg  
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<210> 577  
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<400> 577

Thr Arg Asp Gly Trp Gln Trp Phe Trp Ser Pro Ser Thr Phe Arg  
1 5 10 15

<210> 578  
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<400> 578

Trp Ser Leu Val Arg

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<210> 579  
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<400> 579

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<400> 580

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Ile Ala Ser His Thr Thr Glu Glu Arg  
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Asp Trp Phe Ser Glu Thr Phe Arg  
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<210> 582  
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<212> PRT  
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Glu Phe Gly Asn Thr Leu Glu Asp Lys  
1 5

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Glu Leu Leu Glu Thr Val Val Asn Arg  
1 5

<210> 584  
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Glu Ser Leu Ser Ser Tyr Trp Glu Ser Ala Lys  
1 5 10

<210> 585  
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Glu Trp Phe Ser Glu Thr Phe Gln Lys  
1 5

<210> 586  
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Leu Lys Glu Phe Gly Asn Thr Leu Glu Asp Lys  
1 5 10

<210> 587  
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Thr Pro Asp Val Ser Ser Ala Leu Asp Lys  
1 5 10

<210> 588  
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Thr Tyr Leu Pro Ala Val Asp Glu Lys  
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<210> 589  
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Glu Val Gln Pro Val Glu Leu Pro Asn Cys Asn Leu Val Lys  
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Gly Ile Glu Thr Gly Ser Glu Asp Leu Glu Ile Leu Pro Asn Gly Leu  
107

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15

Ala Phe Ile Ser Ser Gly Leu Lys  
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Ile Phe Phe Tyr Asp Ser Glu Asn Pro Pro Ala Ser Glu Val Leu Arg  
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<210> 592  
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1 5 10 15

Gly Ile Thr Gly Ser Lys  
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<210> 593  
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Val Val Ala Glu Gly Phe Asp Phe Ala Asn Gly Ile Asn Ile Ser Pro  
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Asp Gly Lys

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Tyr Val Tyr Ile Ala Glu Leu Leu Ala His Lys  
1 5 10

<210> 595  
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Cys Phe Glu Thr Val Tyr Asp Gly Tyr Ser Lys  
1 5 10

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Cys Pro Ala Met Val Ala Tyr Cys Met Thr Thr Arg  
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Thr Arg

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Lys Met Ile Cys Leu Leu Lys  
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<400> 599

Gln Gln His Phe Ala His Leu Leu Ile Leu Arg  
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Leu Val His Ser Arg Asp Asn His Gly Arg  
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Ala Lys Asp Phe Gly Ser Ser Leu Lys  
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Asp Phe Gly Ser Ser Leu Lys  
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Glu Asn Gln Phe Ser Val Met Val Val Asn Lys  
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Leu Pro Gly Ser Thr Leu  
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Gln Met Leu Glu Gly Glu Lys  
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Ala Ala His Lys  
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Gln Gly His Lys Leu Gly Lys  
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Lys Glu Leu Ser Ser Phe Ile Asp Lys  
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Thr Asn Ile Leu Ser Lys  
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Val Ala Glu Tyr Met Asp Trp Ile Leu Glu Lys  
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Ile Ala Glu Phe Ala Phe Glu Tyr Ala Arg  
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Leu Tyr Pro Gly Asp Ala Val Ser Leu Gln Gly Ala Ala Arg  
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Gly Asn Tyr Gln Cys Ile Ala Lys  
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Met Glu Ala Leu Ser Ala Arg Gln Arg

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<400> 620

Glu Ala Trp Glu Gln Gln Gln Gly Ala Val Ala Lys  
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Ser Val Leu Lys  
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<400> 622

Ile Ile Phe Val Ile Thr His His Leu Leu Lys  
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Ser Val Ile Met Val Val Phe Ala Glu Asp Lys  
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Glu Lys Leu Gln Asp Glu Asp Leu Gly Phe Leu  
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Leu Gly Val Arg Pro Ser Gln Gly Gly Glu Ala Pro Arg  
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<212> PRT  
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<400> 626

Val Thr Trp Ala Pro Pro Pro Ser Ile Asp Leu Thr Asn Phe Leu Val  
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Arg

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Gly Ala Thr Tyr Asn Ile Ile Val Glu Ala Leu Lys  
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Leu Leu Gln Glu Gly Gln Ala Leu Glu Tyr Val Cys Pro Ser Gly Phe  
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Tyr Pro Tyr Pro Val Gln Thr Arg  
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<400> 629

Ser Gly Val Gln Gln Leu Ile Gln Tyr Tyr Gln Asp Gln Lys  
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&lt;210&gt; 630

&lt;211&gt; 26

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 630

Leu His Leu Glu Thr Asp Ser Leu Ala Leu Val Ala Leu Gly Ala Leu  
1 5 10 15Asp Thr Ala Leu Tyr Ala Ala Gly Ser Lys  
20 25

&lt;210&gt; 631

&lt;211&gt; 26

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 631

Leu Leu Leu Phe Ser Pro Ser Val Val His Leu Gly Val Pro Leu Ser  
1 5 10 15Val Gly Val Gln Leu Gln Asp Val Pro Arg  
20 25

&lt;210&gt; 632

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 632

Phe Met Glu Thr Val Ala Glu Lys  
1 5

&lt;210&gt; 633

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 633

Glu Leu Asp Glu Ser Leu Gln Val Ala Glu Arg  
1 5 10

&lt;210&gt; 634

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 634

Val Thr Thr Val Ala Ser His Thr Ser Asp Ser Asp Val Pro Ser Gly  
1 5 10 15Val Thr Glu Val Val Val Lys  
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&lt;210&gt; 635

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Ala Ser Ser Ile Ile Asp Glu Leu Phe Gln Asp Arg  
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Lys Thr Leu Leu Ser Asn Leu Glu Glu Ala Lys  
1 5 10

<210> 637  
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<400> 637

Thr Leu Leu Ser Asn Leu Glu Glu Ala Lys  
1 5 10

<210> 638  
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<400> 638

Ile Gln Asp Ile Asn Asp Asn Glu Pro Lys  
1 5 10

<210> 639  
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Asp Arg Ser Leu Ser Val Trp Leu Thr Cys Leu Lys  
1 5 10

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Gly Ala Phe Ser Asp Gly Leu Ala His Leu Asp Asn Leu Lys  
1 5 10

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<213> Homo sapiens

<400> 641

Leu Gly Glu Phe Trp Leu Gly Asn Asp Asn Ile His Ala Leu Thr Ala  
1 5 10 15

Gln Gly Thr Ser Glu Leu Arg  
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<212> PRT

<213> Homo sapiens

<400> 642

Lys Glu Ala Val Leu Leu Ala Lys  
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<210> 643

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<212> PRT

<213> Homo sapiens

<400> 643

Val Asn Ile Asn Val Pro Met Lys  
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Asn Leu Ile Val Ile Arg Ala Pro Lys  
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<212> PRT

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<400> 645

Ile Lys Gln Glu Ile Ile Lys  
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<213> Homo sapiens

<400> 646

Ala Leu Glu Ala Phe Glu Thr Phe Lys Lys  
1 5 10

<210> 647

<211> 13  
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<400> 647

Ala Glu Ala Gln Ala Gln Tyr Ser Ala Ala Val Ala Lys  
1 5 10

<210> 648  
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<212> PRT  
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<400> 648

Ile Leu Leu Gln Gly Thr Pro Val Ala Gln Met Thr Glu Asp Ala Val  
1 5 10 15

Asp Ala Glu Arg  
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<210> 649  
<211> 17  
<212> PRT  
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<400> 649

Gly Val Thr Ser Val Ser Gln Ile Phe His Ser Pro Asp Leu Ala Ile  
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Arg

<210> 650  
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Ser Leu Pro Leu Leu Met Asp Ser Val Ile Gln Ala Leu Ala Glu Leu  
1 5 10 15

Glu Gln Lys

<210> 651  
<211> 17  
<212> PRT  
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<400> 651

Thr Val Leu Asp Leu Gln Ser Ser Leu Ala Gly Val Ser Glu Asn Leu  
1 5 10 15

Lys

<210> 652  
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<212> PRT  
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<400> 652

Trp Leu Gln Tyr Lys Phe Phe Cys Leu Leu Cys Lys  
1 5 10

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Phe Gly Ser Ser Leu Ile Thr Val Arg  
1 5

<210> 654  
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Ala Lys Asn Gln Val Val Ile Ala Ala Gly Arg  
1 5 10

<210> 655  
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<212> PRT  
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Arg Ile His Ala Gly Glu Lys Pro Tyr Lys  
1 5 10

<210> 656  
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<212> PRT  
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<400> 656

Cys Leu Cys Leu Pro Gly Tyr Val Pro Ser Asp Lys Pro Asn Tyr Cys  
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Thr Pro Leu Asn Thr Ala Leu Asn Leu Glu Lys  
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<210> 657  
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<212> PRT  
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Thr Gln Leu Ser Arg Met Gln Glu Asp Trp Ile Glu Glu Glu Cys His  
1 5 10 15

Arg

<210> 658  
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Asp Leu Glu Glu Ala Thr Leu Gln His Glu Ala Thr Ala Ala Ala Leu  
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Arg

<210> 659  
<211> 23  
<212> PRT  
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Tyr Asp Pro Glu Ala Ala Ser Ala Pro Gly Ser Gly Asn Pro Cys His  
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Glu Ala Ser Ala Ala Gln Lys  
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His Met Glu Lys Cys Ser Thr Ser Leu Ile Ile Arg  
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<210> 661  
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<212> PRT  
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Met Asn Ile Ser Val Asp Leu Glu Thr Asn Tyr Ala Glu Leu Val Leu  
1 5 10 15

Asp Val Gly Arg  
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<210> 662  
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<212> PRT  
<213> Homo sapiens

<400> 662

Phe Phe Gly Leu Pro Gln Thr Gly Asp Leu Asp Gln Asn Thr Ile Glu  
1 5 10 15

Thr Met Arg

<210> 663

<211> 11

<212> PRT

<213> Homo sapiens

<400> 663

Glu Thr Ser Asn Phe Gly Phe Ser Leu Leu Arg  
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<400> 664

Gly Pro Leu Asp Gln Leu Glu Lys  
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Thr Ser Cys Leu Leu Phe Met Gly Arg  
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Val Ala Asn Tyr Phe Asp Trp Ile Ser Tyr His Val Gly Arg Pro Phe  
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Ile Ser Gln Tyr Asn Val  
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<211> 10

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<400> 667

Ser Pro Leu Asn Asp Phe Gln Val Leu Arg  
1 5 10

<210> 668  
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Val Met Val Thr Asp Phe Glu Asn Val Pro Glu Glu Asp Gly Thr Arg  
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Met Ala Thr Ala Ile Ala Arg Cys Ala Pro Asp Glu Glu Leu Leu Ser  
1 5 10 15

Cys Ser Ser Phe Ser Arg  
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<210> 670  
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<400> 670

Leu Gly Val Phe Cys Phe Ser Gln Glu Asn Ile Ile Trp Ala Asn Leu  
1 5 10 15

Arg

<210> 671  
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<400> 671

Ala Leu Asn Ser Ile Ile Asp Val Tyr His Lys  
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<210> 672  
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<212> PRT  
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<400> 672

Cys Ser Ala Thr Gly Ser Pro Thr Pro Thr Leu Glu Trp Thr Gly Gly  
1 5 10 15

Pro Gly Gly Gln Leu Pro Ala Lys  
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<210> 673  
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<400> 673

Asp Phe Ile Ser Leu Gly Leu Gln Asp Gly His Leu Val Phe Arg  
1 5 10 15

<210> 674  
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<212> PRT  
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<400> 674

Leu Val Ser Glu Asp Pro Ile Asn Asp Gly Glu Trp His Arg  
1 5 10

<210> 675  
<211> 20  
<212> PRT  
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<400> 675

His Tyr Tyr Ile Gly Ile Ile Glu Thr Thr Trp Asp Tyr Ala Ser Asp  
1 5 10 15

His Gly Glu Lys  
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<210> 676  
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<212> PRT  
<213> Homo sapiens

<400> 676

His Tyr Tyr Ile Gly Ile Ile Glu Thr Thr Trp Asp Tyr Ala Ser Asp  
1 5 10 15

His Gly Glu Lys Lys  
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<210> 677  
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<212> PRT  
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<400> 677

Asp Ala Thr Cys Asn Cys Asp Tyr Asn Cys Gln His Tyr Met Glu Cys  
1 5 10 15

Cys Pro Asp Phe Lys  
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<210> 678  
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<212> PRT  
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<400> 678

His Leu Asp Ser Val Leu Gln Gln Leu Gln Thr Glu Val Tyr Arg  
1 5 10 15

<210> 679  
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<212> PRT  
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<400> 679

Gln Ala Val Asp Thr Ala Val Asp Gly Val Phe Ile Arg  
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<210> 680  
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<212> PRT  
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<400> 680

Leu Trp Ala Tyr Leu Thr Ile Gln Glu Leu Leu Ala Lys  
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<210> 681  
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<400> 681

Gly Ser Leu Val Gln Ala Ser Glu Ala Asn Leu Gln Ala Ala Gln Asp  
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Phe Val Arg

<210> 682  
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<212> PRT  
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<400> 682

Gly Asp Lys Leu Pro Glu Cys Glu Ala Val Cys Gly Lys Pro Lys  
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<210> 683  
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<212> PRT  
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<400> 683

Ile Asp Ala Asp Ala Ile Val Glu Lys  
1 5

<210> 684  
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<400> 684

Phe Asp Ser Asp Ala Ala Ser Pro Arg  
1 5

<210> 685  
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Phe Ile Ser Val Gly Tyr Val Asp Asp Thr Gln Phe Val Arg  
1 5 10

<210> 686  
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<212> PRT  
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<400> 686

Gly Phe His Gln Glu Val Phe Leu Gly Lys  
1 5 10

<210> 687  
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<400> 687

Ala Leu Tyr Pro Ser Ile Tyr Met Pro Ala Val Leu Glu Gly Thr Gly  
1 5 10 15

Lys

<210> 688  
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<400> 688

Leu Glu Val Ala Leu Lys Glu Ala Lys  
1 5

<210> 689  
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<400> 689

Gln Trp Ile Asn Leu Phe Leu Arg  
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<210> 690  
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<400> 690

Leu Ser Gly Asn Val Leu Ser Tyr Thr Phe Gln Val Lys  
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<210> 691  
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<400> 691

Leu Ser Ala Leu His Leu Glu Val Arg  
1 5

<210> 692  
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Ala Cys Gly Met Pro Gly Ala Glu Ser Leu Arg  
1 5 10

<210> 693  
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Ala Phe Ser Phe Ser Ser Ala Leu Ile Arg  
1 5 10

<210> 694  
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<400> 694

Pro Ser Asp Thr Ile Glu Asn Val Lys  
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<210> 695  
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<400> 695

Val Asn Glu Pro Ser Ile Leu Glu Met Ser Arg  
1 5 10

<210> 696  
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Gly Asp Leu Ser Ser Ile Arg Trp Val Cys Ser Ser Leu Arg  
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Met Ala Leu Ala Leu Leu Asp Ala Val Arg  
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<210> 698  
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Gln Met Ser Cys Val Asn Lys  
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<210> 699  
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1 5 10 15

Trp Tyr Thr Ala Lys  
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<210> 700  
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Glu Phe Asp Thr Val Pro Gly Ala Glu Phe Pro Glu Lys  
1 5 10

<210> 701  
<211> 17  
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Tyr Gly Phe Cys Glu Ala Ala Asp Gln Phe His Val Leu Asp Glu Val  
1 5 10 15

Arg

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Leu Leu Glu Arg Leu Pro Glu Val Glu Val Pro Gln His Leu  
1 5 10

<210> 703  
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Arg Glu Glu Gly Ala Pro Gly Asp Pro Glu Ala Ala Leu Glu Asp Asn  
1 5 10 15

Leu Ala Arg

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Ser Asp Leu Pro Ser Gln Val Phe Ile Arg  
1 5 10

<210> 705  
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Met Ala Ser Leu Lys Tyr Asp Leu Arg  
1 5

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<212> PRT  
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Phe Val Pro Ile Phe Thr Tyr Gly Glu Leu Gln Arg Met Gln Glu Lys  
1 5 10 15

Glu Arg Asn Lys Gly Gln

